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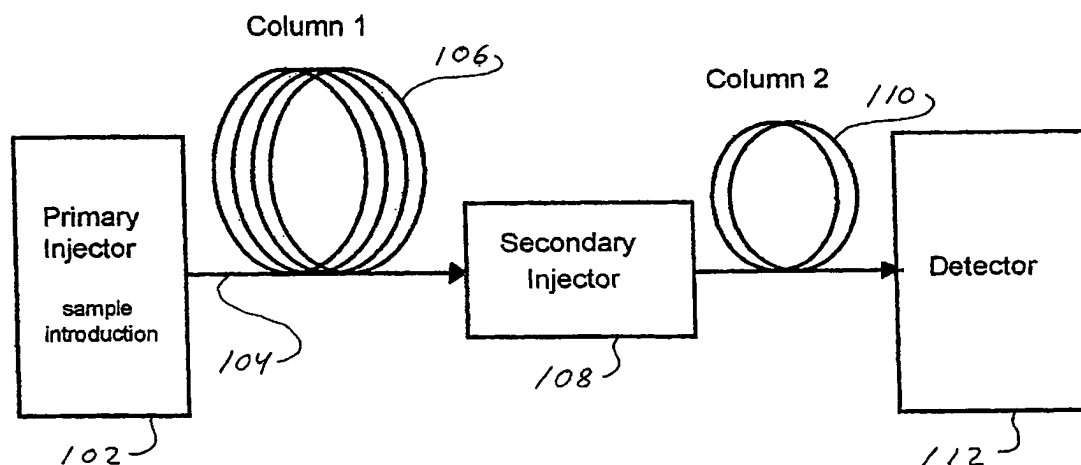
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[Continued on next page]

(54) Title: METHODS AND APPARATUSES FOR PROCESSING BIOLOGICAL DATA



(57) Abstract: Methods and apparatuses are described to process an n-dimensional data set acquired from a measurement on a biological sample. A method includes dividing an n-dimensional data set into n-dimensional sub-regions, wherein a size of a dimension of an n-dimensional sub-region is less than a size of the dimension of the n-dimensional data set. The n-dimensional sub-regions are stored on a computer readable medium and the computer readable medium is accessible to a data processing system. The n-dimensional data set can exceed an addressable memory limit of the data processing system and mathematical operations are performed on the n-dimensional data set.



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*
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